

A bibliography of mycology and plant pathology in Ireland, 1976 to 2000

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ABSTRACT This bibliography includes medical and veterinary mycology, and plant pathology relating to bacteriology and virology. It is based on published work from Ireland, between 1976 and 2000 inclusive, and comprises 859 references. An index of topics is included. There is also a list of 193 theses for which Master or Doctorate degrees were awarded.

INTRODUCTION

In his publication, *Mycology and Plant Pathology in Ireland*, Muskett (1976) gave an account of the history and development of mycology and plant pathology in Ireland since the first traceable mention of Irish fungi in the scientific sense in 1726. His work included a bibliography containing 1,355 titles, in chronological order, covering the period from 1726 to 1975. The bibliography presented here covers the years 1976 to 2000. The basis of the present work was to search for work on mycology and plant pathology published by authors with an Irish address. Where work relating to Ireland, which was published from an address abroad, was noted, it is included but it was not possible to make a full search for such work.

The principal sources for this work were:

The Review of Plant Pathology and the Review of Medical and Veterinary Mycology, both published by CAB International.

The following journals were also checked for relevant material:

- Irish Naturalists' Journal
- Proceedings of the Royal Irish Academy
- Proceedings of meetings published by the Royal Irish Academy
- Scientific Proceedings of the Royal Dublin Society
- Journal of Life Sciences of the Royal Dublin Society
- Irish Journal of Agricultural Research later named the Irish Journal of Agricultural and Food Research
- Mycologist
- Field Mycology

Various reports of meetings, institutes and societies exist, but are not included as they are not readily available in libraries. Some of these were abstracted in the review journals noted above or were published by the Royal Irish Academy and are included. Examples of items not generally presented here would be:

- Newsletters of the Society of Irish Plant Pathologists
- Reports of meetings of the Irish Botanists
- Research reports of An Foras Talúntais/Teagasc
- Research reports from Universities

Unfortunately no sources of published lists from fungal forays in Ireland could be located. The British Mycological Society held three forays in Ireland. Records from these may be accessed through the BMS database at <www.britmycolsoc.org.uk>. The BMS forays were held in the following locations:

- Tipperary, based at Roscrea, 8-17 Sept. 1989
- The Burren and Clare Island, 29 May –5 June 1993
- Lisnaskea, Co. Fermanagh, 13-20 Oct. 2000

Theses, which resulted in the award of Master or Doctorate degrees during the years 1976 to 2000, are included where titles of these could be accessed. Lists available were incomplete at certain universities.

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UNIVERSITY THESES AWARDED MASTER OR DOCTORATE DEGREES

UNIVERSITY COLLEGE CORK

- Barry, F.P. 1984. PhD Structural and catalytic properties of the proteinase from *Armillaria mellea*.
- Sheehan, H.M. 1986. PhD Structural and biosynthetic properties of the protease from *Armillaria mellea*.
- Brown, C.A. 1988. PhD Somaclonal variation as a source of resistance to *Phytophthora infestans* (Mont.) de Bary in *Solanum tuberosum* L.
- Simpson, P. 1990. MSc Antibiotic inhibition of fungal pathogens by root colonising fluorescent *Pseudomonas* spp.
- Crowley, J.J. 1991. MSc Development of an ELISA system for the identification of *Ustilago nuda*.
- Casey, J.P. 1992. MSc Purification and characterisation of fungal glutathione-S-transferases.
- Macilwraith, K.L. 1992. MSc Management and evaluation of somaclones of potato (*Solanum tuberosum* L.) for resistance to *Phytophthora infestans* (Mont.) de Bary and potato viruses.
- O'Connor, L. 1993. MSc Development of an ELISA kit for the detection of the plant pathogen *Xanthomonas campestris* pv. *pelargonii*.
- Pham, T.S. 1994. MSc Tissue culture and genetic manipulation in plant improvement using late blight resistance in potato as a model.
- Walsh, M.M. 1994. PhD An evaluation of genetic manipulation as a source of *Sclerotinia* resistance in Jerusalem artichoke.
- Buckley, K. 1995. MSc Physiological and biochemical studies of ligninolytic white-rot fungi.
- Tingle, J. 1995. MSc Expression and secretion of *Aspergillus niger* glucoamylase in *Saccharomyces cerevisiae*.
- Walsh, M.F. 1995. MSc Molecular cloning of the lignin peroxidase gene from the white-rot fungus *Bjerkandera adusta*.
- Mullins, E.D. 1996. PhD Analysis of the mechanism of physiological partial resistance to *Sclerotinia sclerotiorum* using induced mutants of oilseed rape.
- Birmeta, G. 1997. MSc The application of plant biotechnology to the production, maintenance and multiplication of disease-free potato germplasm.
- Carroll, C.M. 1997. MSc Ligninolytic enzymes of the white-rot fungus, *Trametes versicolor*.
- Collins, P.J. 1997. PhD Physiological and genetic characterisation of the lignin degrading system of the white-rot fungus, *Trametes versicolor*.
- Dowd, C.A. 1997. PhD Studies on glutathione-S-transferase from fungi.
- Mark, G.L. 1997. PhD Studies on mycorrhizas in micropropagation and field-grown strawberry.
- Dunne, C.P. 1998. PhD Analysis of determinants mediating biological control of *Pythium ultimum* by *Stenotrophomonas maltophilia* strain W81.
- Foley, V.M.R.A. 1998. PhD Study of glutathione-S-transferase in fungi.

- Healy, J.V. 1998. PhD Purification, characterisation and cDNA cloning of an endo-exonuclease from the basidiomycete fungus *Armillaria mellea*.
- Kinane, J.T. 1998. PhD Isolation and analysis of wheat mutants exhibition increased resistance to *Erysiphe graminis* f.sp. *tritici* and *Stagonospora nodorum*
- Toal, E.S. 1998. MSc A study of systemic acquired resistance (SAR) to the fungus *Sclerotinia sclerotiorum* in oilseed rape (*Brassica napus*).
- Delany, I.R. 1999. PhD Genetic analysis of the production of the antifungal metabolite 2,4, diacetylphloroglucinol by biocontrol strain *Pseudomonas fluorescens* F113
- Murray, E.M. 1999. MSc Genetic fingerprinting of fungal and yeast isolates from cystic fibrosis patients.
- Tola, E. 2000. PhD Molecular microbial ecology of genes in *Pseudomonas fluorescens* responsive to signals from *Pythium*.

UNIVERSITY COLLEGE DUBLIN

- Dixon, M.M. 1976. PhD Extracellular enzymes produced by *Neurospora sitophila*.
- McDonnell M.B. 1976. PhD Studies on the infection of potatoes by *Synchytrium endobioticum* (Shilb.) Perc.
- Cantwell, B.A. 1977. PhD Isolation, purification and characterisation of a lectin from the aquatic fungus, *Saprolegnia*.
- McCullagh, P. 1977. PhD Studies in the physiology of leafroll virus infected potato plants.
- Sherry, J.P. 1977. PhD A cellulolytic enzyme from *Saprolegnia parasitica*: purification, characterisation and study of its role in morphogeneses.
- Bentley, M.C. 1979. PhD An investigation of L-leucine accumulation by *Saprolegnia parasitica*.
- Broaders, M.A. 1979. PhD Spore germination in *Aspergillus carbonarius*.
- Clancy, K.J. 1979. PhD Studies on a disease of seedlings of *Chamaecyparis lawsonia*.
- O'Brien, E.A. 1979. PhD Studies on the chemistry of antifungal metabolites.
- Palmer, V.M.J. 1979. PhD Investigation of dormancy of fungal spores.
- O'Reilly, J. 1980. PhD *Fomes annosus*.
- Sheridan, J.J. 1980. PhD Investigations on the germination of fungal spores in soil.
- Benson, C.P. 1981. PhD Extra-cellular enzymes of *Aspergillus niger*.
- Hatt, B.P. 1981. PhD The effect of the cell wall on uptake of chemicals by *Fusarium culmorum*.
- Heslin, M.C. 1981. PhD Fomannoxin, a metabolite of *Fomes annosus*. Production, biological activity and involvement in Sitka spruce butt-rot.
- Ni Shúilleabháin, C. 1983. PhD Nucleoside transport in *Geotrichum candidum*
- Sheridan, M.H. 1983 PhD Studies on the biosynthesis of metabolites of *Fomes annosus* (Fr.) Cooke.

- Claveric-Martin, F. 1984. PhD Conidial walls of wild-type and white mutant *Aspergillus nidulans*. The effect of its components on the uptake of chemicals.
- Diaz Torres, M.del R. 1984. PhD Cell wall of *Rhizopus stolonifera* spores. The effects of its components on the uptake of chemicals.
- Fitzgerald, W. 1984. PhD Cross-infection studies of *Septoria nodorum* on wheat and barley.
- Coveney, D.J. 1986. PhD The metabolites of *Armillaria mellea*.
- Doyle, E. 1986. PhD The amylolytic enzymes of *Penicillium* spp.
- O'Mahony, M.R. 1986. PhD Enzyme studies of *Paecilomyces varioti*.
- Quigley, T.A. 1986. PhD Studies on the amylolytic system of *Cladosporium gossypii*cola.
- Hilliard, B. 1988. PhD Comparison of three strains of potato virus X in plant protoplasts and their physical and biochemical characterisation.
- O'Sullivan, E. 1987. PhD Studies on the biology and control of damping-off pathogens of sugar beet.
- Clarke, A.P. 1988. MAgSc The influence of nitrogen on the infection of *Trifolium repens* L. by *Rhizobium trifolii* Dong.
- Deadman, M.L. 1988. PhD Studies on barley net blotch disease caused by *Drechslera teres*.
- Flanagan, S. 1988. PhD The use of meteorological information by Irish potato growers to prevent or minimise crop losses due to potato blight.
- Ikojo, H. 1988. PhD Mycorrhizal associations and the nutrition of Sitka spruce (*Picea sitchensis* (Bong.) Carr.) in Ireland.
- Morris, E., 1988. MSc Investigations on *Phytophthora fragariae*, the cause of strawberry red core disease in Ireland.
- Quigley, P. 1988. PhD Isolation and synthesis studies on the metabolites of *Armillaria*.
- Doyle, P.E. 1990. PhD Studies on clubroot of brassicas: disease assessment, control and resting spore viability in *Plasmodiophora brassicae* (Wor.).
- Hutchinson, R.M. 1990. PhD Studies of *Armillaria* spp. and biologically active metabolites.
- Martin, M.T. 1990. PhD Studies on the metabolites of *Heterobasidion annosum* (Fr.) Bref. and a fungal antagonist.
- Coyle, P.M. 1991. MAgSc The development of a DNA probe for the detection of *Phoma exigua* var. *foveata*, the cause of gangrene of potato.
- Collins, B. 1992. PhD Amylolytic enzymes and formation of maltose by Actinomycetes.
- Grogan, H.M. 1992. PhD Inoculant and naturally-occurring ectomycorrhizal associations of Sitka spruce seedlings in Irish conifer nurseries.
- McElhinney, C. 1992. PhD Phosphorus nutrition of ectomycorrhizal fungi found in Sitka spruce/Japanese larch plantations in Ireland
- McGrane, M. 1992. MAgSc The effects of seeding rates, varieties and fungicidal treatments on performance and seed health in spring sown faba beans, *Vicia faba* L.
- Scannell, M.C. 1992. PhD Investigations on middle and low repetitive DNA sequences of *Phytophthora cinnamomi* and the application of such sequences as DNA fingerprinting

probes.

- Dunne, O.T. 1993. PhD *Armillaria mellea*.
- Hughes, E.M. 1993. PhD Sucrose utilization and invertase activities of mycorrhizal systems.
- McAuliffe, A.G. 1993. MSc Studies on the alpha-amylase of *Candida fennica* CBS 6027.
- Ali, A.S. 1994. MVSc Investigation of dermatophytes isolated from the skin of normal cattle and cattle with dermatophytosis and their environment.
- Alkouni, S.A. 1994. MVM An investigation of dermatophytes isolated from the skin of normal cattle and cattle with dermatophytosis and their environment.
- O'Reilly, B.P. 1994. MAgrSc Fungicide strategies for the control of *Septoria* diseases of winter wheat.
- Zheng, J. 1994. MSc Investigations on 'oat mosaic' disease of winter-sown oats dually infected by oat mosaic virus (OMV) and oat golden stripe virus (OGSV).
- O'Neill, C. 1995. MSc An evaluation of *in vitro* methods for the production of ectomycorrhizal fungus inoculum.
- Ryan, J.G. 1995. PhD Studies on the amyloglucosidase of a *Penicillium* species.
- Choiseul, J.W. 1996. PhD The characterisation, pathogenicity and control of *Fusarium* spp. that cause dry rot of potato.
- Duff, B. 1996. MSc Studies on the alpha-glucosidase of *Candida fennica* CBS 5928
- McGrath, R.M. 1996. PhD Aspects of biodegradation of pentachlorophenol by *Phanerochaete chrysosporium*.
- McLaughlin, S.M. 1996. PhD Gene transfer in filamentous fungi.
- Murphy, E. 1996. PhD The biology of *Tricholomopsis rutilans*: its cell-wall-degrading ability and its interactions with mycorrhizal fungi and conifer seedlings.
- Valentine, A. 1996. PhD Effect of arbuscular mycorrhizal infection on photosynthesis, nutrient status and growth of cucumber plants.
- Fanning, M.J. 1997. MAgrSc An evaluation of screening techniques to access *Fusarium* head blight resistance in spring wheat, *Triticum aestivum* L.
- Hore, W.P. 1997. PhD Genetic manipulation of the filamentous fungus *Aspergillus terreus*.
- Osborne, M. 1997. MSc Sugar acquisition by an endomycorrhizal fungus, *Hymenoscyphus ericae* and its association with cranberry.
- O'Sullivan, D.M. 1997. PhD Genome structure and plasticity in *Colletotrichum lindemuthianum*.
- Scott, C.M. 1997. MAgrSc Studies on *Verticillium fungicola*, the organism associated with dry bubble disease of cultivated mushrooms in Ireland.
- Bannon F.J. 1998. PhD Effects of a wheat/clover intercrop on the development of *Septoria tritici* blotch.
- Byrne, J.J. 1998. MAgrSc Disease control and yield improvement in winter wheat using strobilurin and triazole chemicals.

- Carter, G. 1998. MSc The macro-mycoflora of natural and semi-natural grasslands in Ireland.
- Friel, M.T. 1998. PhD Development of inocula delivery systems for the cultivation of the button mushroom *Agaricus bisporus*
- King, L.M. 1998. PhD Regulation of expression of the chitinase gene (CTSI) in *Saccharomyces cerevisiae*
- McEnery, O.E. 1998. MAgrSc *Fusarium* head blight-causing species on spring and winter wheat (*Triticum aestivum* L.) in Ireland, 1997.
- Morrissey, B.R. 1998. PhD A study of the sesquiterpene aryl esters of *Armillaria* species.
- Omodo-Eluk, A.J. 1998 MSc Studies on *Malassezia pachydermatis* from the skin of dogs with allergic dermatitis and from dogs with seborrhoeic dermatitis.
- O'Neill, J.J.M. 1998. PhD The mycorrhizal association of tree seedlings in an Irish bare-root nursery.
- Abosriwil, S.O. 1999. PhD Effects of fungicides and disinfectants on weed moulds and fungal pathogens of cultivated mushroom (*Agaricus bisporus*).
- Diamond, H. 1999. PhD Studies on the *Fusarium* disease complex of cereals.
- Doherty, S.K. 1999. M.Sc Genetic manipulation of *Trichoderma reesei*.
- Flanagan, D.D. 1999. MAgrSc An assessment of the phytopathogenic status of the Lamb-Clarke historical Irish apple collection.
- Kós, S.M. 1999. PhD The polygalacturonase of *Geotrichum candidum*.
- Mulhare, J.J. 1999. MSc Strategies for disease control, grain yield and quality improvement in winter wheat with strobilurin and triazole fungicides.
- Nolan, S.M. 1999. PhD Studies on the interaction between *Mycosphaerella graminicola* and *Phaeosphaeria nodorum* in wheat.
- Connolly, K. 2000. PhD Studies on the coprophilous mycobiota of sheep and cattle.
- Kavanagh, C.G. 2000. PhD Investigation of anthocyanin gene expression and population differentiation in *Mycelis muralis*.
- Lanigan, G.J. 2000. PhD Intraspecific and interspecific comparison of the acclimation of *Mycelis muralis* in different light environments.
- Maguire, M.M. 2000. MAgr Sc Field studies on nitrogen and fungicide programmes for grain yield and quality improvements in spring malting barley.
- McDonnell, R.M. 2000. PhD Investigation into the role of YRB 1 in the cell cycle of *Saccharomyces cerevisiae*
- Moylan, R.R. 2000. MAgr Sc Field studies on nitrogen, fungicide and plant growth regulator inputs on F1 hybrid winter wheat.
- O'Brien, D. 2000. MSc Fungicidal evaluation of an essential oil of the Ranunculacea.
- O'Conallain, C.A. 2000. PhD Analysis of the transcription factor ACEZ from *Saccharomyces cerevisiae*.
- Teubig, P. 2000. MAgrSc Presymptomatic detection of *Septoria tritici* Rob. ex Desm. in winter wheat.

UNIVERSITY COLLEGE GALWAY

- Canavan, P.M.T. 1977. PhD Physiological studies on terrestrial and marine fungi.
- Hegarty, B.M. 1982. PhD Wood decay by fungi under controlled environmental conditions and in the sea.
- McHale, A.P. 1982. PhD The components of the cellulase system of *Talaromyces emersonii* with emphasis on the beta-glucosidases.
- Moloney, A.P. 1984. PhD The extracellular enzyme system of *Talaromyces emersonii*. Hydrolysis of lignocellulosic wastes and characterisation of the endoglucanase components.
- Lawless, F.N. 1997. PhD Expression of a novel transglutaminase cDNA from guinea pig liver in *Aspergillus oryzae*.
- McCarthy, T.C. 1997. PhD Studies on the b-(1,3)(1-4)-d glucan degrading activities secreted by *Talaromyces emersonii* CBS 814.70 and mutant strains
- Walsh, D.J. 1998. PhD Purification and characterisation of the exocellobiohydrolases of *Talaromyces emersonii* CBS 814.70

UNIVERSITY COLLEGE MAYNOOTH

- O'Reilly, P. 1984. PhD Ecological studies of *Septoria nodorum* Berk. (*Leptosphaeria nodorum* Muller) on symptomless winter wheat.
- Wilson, C. 1986. PhD Studies of the killer yeast *Kluyveromyces lactis*.
- Gallagher, J.A. 1991. PhD The fermentation and isolation of mycophenolic acid and its activity on *Candida albicans*.
- Kavanagh, K.A. 1991. PhD Studies on the physiology and genetics of the xylose fermenting yeast *Pachysolen tannophilus*.
- Ellabib, M.S. 1992. PhD Mode of action of octenidine and pirtenidine against yeasts.
- Geraghty, M.M. 1996. PhD Studies on germination deficient mutants of *Candida albicans*.
- Law, C.M. 1996. PhD A survey of the effects of several different antifungal/antimycotic drugs on the cell wall and pathogenicity of *Candida albicans*.
- Egan, H.M. 1997. PhD The contribution of the mitochondrion to the pathogenicity of *Candida albicans*.
- O'Connor, D.I. 1997. PhD Studies on mitochondrial respiration in *Kluyveromyces lactis* and other petite-negative yeasts.
- Tinley, F.C. 1997. PhD Genetic manipulation and lactose fermentation studies of yeasts of the genus *Kluyveromyces*.
- Cotter, G.M. 1999. PhD A study of the effects of anti-neoplastic agents on the virulence of *Candida albicans*.
- Daly, P.W. 2000. PhD A study of the interaction of *Aspergillus fumigatus* virulence factors with human cancer

NEW UNIVERSITY OF ULSTER

- Brady, D. 1996. DPhil Ethanol production by the thermotolerant yeast strain *Kluyveromyces marxianus* IMB3, during growth on lactose-containing media.
- Barron, N. 1997. DPhil Studies on the bioconversion of cellulose substrates by the thermotolerant yeast, *Kluyveromyces marxianus* IMB3 at 45°C.
- Gough, S. 1998. DPhil Production of ethanol from molasses using the thermotolerant yeast strain *Kluyveromyces marxianus*.
- Keogh, M.P. 1998. DPhil The use of the thermotolerant yeast *Kluyveromyces marxianus* IMB3 for ethanol production from whey permeate at 45°C.

QUEEN'S UNIVERSITY, BELFAST

- McCracken, A.R. 1976. PhD Cultural and ecological studies of the potato gangrene pathogen.
- Rartoredjo, I.T. 1978. MSc Studies on parsnip canker and review of post harvest losses in tropical food produce.
- Musc, M.M. 1979. PhD Studies on benomyl tolerant and sensitive strains of *Botrytis cinerea*.
- Croke, F.M. 1980. PhD Studies on the aetiology and life cycle of the potato gangrene pathogen.
- Adikaram, N.K.B. 1981. PhD A study of the latent infection of fruit of *Capsicum* spp. by *Colletotrichum capsici* and *Glomerella cingulata*.
- Sharma, S. 1981. PhD A study of *Septoria nodorum* affecting wheat and barley with special reference to cross-infection
- Chand, T. 1982. PhD Studies on the stem canker and black scurf disease of potato with special reference to fungicidal control and assessment of host reaction.
- Hossain, M. 1982. PhD Studies of blackleg disease of potato with special reference to the development of methods for assessing cultivar reaction.
- Rhodes, D.J. 1985. PhD Effects of fluorescent *Pseudomonas* sp. on the potato blackleg syndrome.
- Brady, R. 1987. PhD The use of fluorescent antibody technique to study the mechanism of PVYo transmission by aphids
- Bratt, R.P. 1987. PhD Spoilage of senescing flax by *Botrytis cinerea* Pers.
- Keay, S.M. 1987. PhD *Psilocybe semilanceata*: hyphal interactions with the roots of grassland flora.
- Finlay, R.A. 1987. PhD Microbial suppression of *Phytophthora cinnamomi*.
- Burgess, P.J. 1989. PhD Studies on the biology of soft-rot erwinias on potato leaves.
- Marquinez Ramirez, R. 1989. MSc Effects of cultivar, pathogen strain and fungicide on development of potato late blight.
- Rutherford, M.A. 1989. PhD Biological control of *Rhizoctonia solani* on potatoes.

- Ward, J.S. 1989. PhD Suppression of *Pythium*-induced replant diseases by antagonistic microorganisms.
- Wood, J.R. 1989. PhD Ice nucleation active bacteria on potatoes in Northern Ireland.
- Foster, G.D. 1990. PhD The structure and expression of the genome of potato virus S.
- Meehan, B.M. 1990. PhD Inter-relationships of members of the carlavirus group.
- Soepena, H. 1990. PhD Interactions between strains of *Colletotrichum gloeosporioides* and clones of *Hevea* spp.
- Walker, A.S.L. 1990. PhD Comparison of phenylamide-sensitive and phenylamide-resistant strains of *Phytophthora infestans*.
- Anderson, S.V. 1991. PhD The nucleotide sequence and genomic organisation of the potato mop top virus.
- Millar, A.W. 1991. PhD Relationships between pathotypes of bean common mosaic virus.
- Moore, M.L. 1991. PhD The molecular relationship of potato virus V with other members of the potyvirus group.
- Alahakoon, P.W. 1993. PhD Cross-infection potential of isolates of *Colletotrichum gloeosporioides* among tropical fruits.
- Stanley, M. S. 1993. PhD Regulation of polygalacturonase produced by *Colletotrichum musae* in relation to its role as a crown rot pathogen on banana.
- Osman, M.H. 1994. PhD The molecular basis for Ry gene incubation of potato virus Y.
- Sicilia, C. 1995. MPhil The interaction of pathogenic fungi and *Erwinia carotovora* ssp. *Atroseptica* on potato tubers.
- Weston, J.H. 1995. PhD Expression of the 3-Terminus of potato virus S.
- Chipili, J. 1996. MPhil The genetic diversity in *Colletotrichum falcatum* and its relationship to *C. graminicola* and *C. sublineolum*.
- Fulton, C.E. 1996. PhD The isolation of virulence genes from the ubiquitous plant pathogen, *Colletotrichum gloeosporioides*.
- Giannopoulos, G.I. 1996. MSc Microbial interactions in nutrient film technique grown tomatoes.
- Muthumeenakshi, S. 1996. PhD Molecular taxonomy of the genus *Trichoderma*.
- Taggart, P. 1996. MPhil Benzimidazole resistance in *Rhynchosporium secalis* in Northern Ireland.
- Allen, C. 1997. PhD Characterisation of *Melampsora* rust disease of willow clones grown for biomass.
- Ward, L. 1997. MPhil The epidemiology and forecasting of barley yellow dwarf virus in winter cereals.
- McKay, G.J. 1998. PhD A molecular analysis of *Alternaria* pathogens associated with linseed.
- Mukherjee, G. 1998. PhD The control of seedborne diseases of *Linum usitatissimum* by biological control agents.

- Carlisle, D.J. 2000. PhD The diversity of the *Phytophthora infestans* population in Northern Ireland.
- Lyons, G.A. 2000. PhD The importance of *Scytalidium thermophilum* in the production of mushroom compost for the growth of *Agaricus bisporus*.

TRINITY COLLEGE DUBLIN

- Wilson, U.E. 1978. PhD Cytological evaluation of general resistance in potato to *Phytophthora infestans* (Mont.) de Bary.
- Clancy, F.G.J. 1979. PhD Comparative carbohydrate physiology of susceptible and resistant flax in response to inoculation with the flax rust.
- Allen, F.H.E. 1980. PhD Compatible and incompatible interactions of flax rust and its host: a comparative light and electron microscope study.
- Cassidy, D.S.M. 1980. MSc Histological, histochemical and ultrastructural comparison of some compatible and incompatible interactions between flax rust, *Melampsora lini* (Ehrenb.) Lév. in *Linum usitatissimum* L. and crown rust, *Puccinia coronata* Corda, in *Lolium perenne* L.
- Hickey, E.L. 1980. PhD The downy mildew fungus *Peronospora pisi* Sydow in its host *Pisum sativum* in fine-structural and cytochemical investigations of the host-parasite interface and the ultrastructural effects of the systemic fungicide Ridomil.
- Chang, L.H. 1982. PhD Evaluation of general resistance to *Phytophthora infestans* (Mont.) de Bary in potato and some studies with the systemic fungicide metalaxyl.
- Harvey, R.I.E. 1982. MSc Some effects of nutrient levels on the deoxyribonucleases of *Aspergillus nidulans* and attempts to identify nuclear deoxyribonuclease.
- O'Dowd, A.B. 1983. MSc The kinetic mechanism of histidinal dehydrogenase from *Neurospora crassa*.
- Tubridy, M.C. 1983. PhD A microbiological approach to acid mine waste vegetation.
- Casey, A.D. 1986. MSc Virus elimination from rose and poplar using meristem tissue culture.
- Woodlock, J.M. 1987. MSc Some interactions of sewage fungus and fish in Irish rivers.
- Canning, A.M. 1992. MSc The chemistry of *Alternaria chrysanthemi*.
- Peacock, J.M. 1993. PhD Studies on the effect of air pollution on the leaf yeast *Sporobolomyces roseus* Kluyver and Van Niel, with particular reference to sulphur dioxide.
- Dawson, D. 1995. MSc The role of fungi in the immobilisation and translocation of Cs¹³⁷ in the organic horizons of a conifer forest in Ireland.
- Malcuit, I.M. 1999. PhD Analysis of a gene-for-gene interaction between potato virus X and the potato hypersensitive resistance gene Nb.
- O'Reilly, N. 2000. MSc Physiological response of spring barley (*Hordeum vulgare* L.) to necrotic blotching.

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